

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
31-R-0014

CUSTOMER NO.
216

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

OHIO STATE UNIVERSITY THE
313 RESEARCH FOUNDATION
1960 KENNY ROAD
COLUMBUS, OH 43210

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites)

(b)(2)High, (b)(7)(F)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	39	61	249		310
5. Cats	96		184		184
6. Guinea Pigs	11	32	121	192	345
7. Hamsters	1084	299	2493	177	2969
8. Rabbits	98	70	534		604
9. Non-Human Primates	13		29		26
10. Sheep	3	5	38		43
11. Pigs	11	54	1013		1067
12. Other Farm Animals					
13. Other Animals					
Gnotobiotic Pigs		44	291		335
Avian		45			45
Camalids		7			7

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

(b)(6), (b)(7)(c)

12/05/2006

APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 31-R-0014

2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (192)

4. Explain the procedure producing pain and/or distress.

The animals are wrapped and placed in cool water.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

This could not be avoided because it is required to meet scientific injection of stress related diarrhea. According to the veterinary report, the animal appeared calm and remained normally active during the time in the water and no behavior or physiological abnormalities were apparent.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency:

CFR:



MAR 14 2007

Office of Research

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March 13, 2007

Robert A. Williams, DVM
USDA Regional Animal Care Specialist
Eastern Region, Animal Care
920 Main Campus Drive
Suite 200
Raleigh, NC 27606

RE: Addendum to fiscal year 2006 Annual Report
Registration number: 31-R-0014/216

Dear Dr. Williams;

We received your letter indicating our fiscal year 2006 Annual Report was missing information describing the procedure producing pain and/or distress in hamsters and the justification for not providing relief. Below is the missing information:

Explain the procedure producing pain and/or distress:

- Hamsters undergo a punch biopsy under anesthesia to create two uniform full-thickness wounds in the dorso-rostral area of the back. Effects of either increasing or decreasing stress on rate of wound healing are then evaluated. To increase stress after wounding, animals are restrained in a plexiglass tube for 2 hours per day for 10 days.

Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results:

- One of the goals of the project is to determine whether positive social interaction can counteract the negative effects of stress on wound healing. Therefore, the restraint stress is an integral component of the experimental paradigm and therefore could not be eliminated.

Thank you for bringing this to our attention. The Ohio State University remains committed to ensuring the proper care and treatment of animals used in research and teaching at the institution. If you have any further questions, please contact me at

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Sincerely,

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